

ABSTRACT

A swirl nozzle assembly connected to a water supplying pipe. A main body has one end coupled to the water supplying pipe and the other end internally threaded to form a coupling part. A filter is positioned in an accommodating space which is defined inward of the coupling part of the main body, to filter foreign substances contained in the fire extinguishing water. A nozzle receiving element has one end coupled to the coupling part of the main body with the filter fixedly maintained inward of the coupling part, and the other end internally threaded to form a nozzle coupling part. The nozzle receiving element is defined with a water collecting chamber. A swirl nozzle is coupled to the nozzle coupling part of the nozzle receiving element and is structured to allow water droplets of a predetermined size to be sprayed at a predetermined scattering angle.